



## Printing ink for Keypad Application

# XL101-B9018

## DESCRIPTION

XL101-B9018 is a two-part, addition cure type, silicone adhesive that is designed to provide black ink coating by heating.

Diluted with a solvent if required, XL101-B9018 provides elastomeric ink coating.

## KEY FEATURES

- ▶ Excellent adhesion to silicone rubber keypads.

## APPLICATIONS

- ▶ keypads coating by silk screen.

## TYPICAL PROPERTY DATA

| BOFORE CURING       |              |
|---------------------|--------------|
| Appearance          | Black liquid |
| Viscosity Pa·s {cP} | Paste        |

| AFTER CURED (1hr @ 150°C)                                 |         |
|-----------------------------------------------------------|---------|
| Appearance                                                | Black   |
| Specific Gravity* <sup>1</sup>                            | 1.1     |
| Hardness                                                  | 36      |
| Tensile Strength* <sup>1</sup> MPa {kgf/cm <sup>2</sup> } | 4.0{41} |
| Elongation* <sup>1</sup> %                                | 420     |

\*1 For the reference

## RECOMMENDED PROCEDURE

Application: Apply by silk screen

Cure: 5-10 minutes @ 180-200°C

Curing agent mixing ratio: 2-3phr

## REMARKS

- ▶ Befor coating, stir XL101-B9018 to a uniform consistency.
- ▶ Materials such as sulfur, nitrogenous compounds, organic metallic salts, and phosphorus compound will inhibit curing.
- ▶ Data here should not be used specifications.





## XL101-B9018

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**SPECIFICATION**

Typical product data values should not be used as specification. Assistance and specification are available by contacting YanTai E.S.T. silicone technology co.,LTD

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**HANDLING AND SAFETY**

When solvent are used, proper safety precautions must be considered toxic and must be used only in well ventilated areas.

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**USABLE LIFE AND STORAGE**

When stored at or below 25°C (77°F) in the original unopened containers, this product has a usable life of 12 months from the date of manufacture.

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| CAUTION!                                                                                                                                                                                                                                       | HANDLING PRECAUTIONS                                                                                                                                                                                                                                                                         | FIRST AID MEASURES                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.FOR INDUSTRIAL USE ONLY<br>2.This product is neither tested nor represented as suitable for medical or pharmaceutical uses.<br>3.Do not use this product for other than its intended use,or user shall bear responsibility for any problems. | 1.Wear suitable protective goggles, respirator and gloves.<br>2.Use only where an adequate ventilation system is available to exhaust poisonous gases.<br>3.After handling,wash face and hands very thoroughly.<br>4.Keep out of reach of children.<br>5.Store in a cool,dark and dry place. | 1.Inhalation:Remove to fresh air and get medical attention immediately.<br>2.Eye contact:Immediately flush eyes with plenty of water for at least 15minutes.Get medical attention immediately.<br>3.Skin contact:Immediately flush skin with plenty of soap and water for at least 15minutes.Get medical attention immediately.<br>4.Ingestion:Induce vomiting and get medical attention immediately.<br>5.See material safety data sheet. |